

DOCUMENT RETRIEVAL REQUEST FORM

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Requester's Name:	HUNG PHAM	Case Serial Number:	09/755,503	Art Unit/Org.:	2172
Phone:	605.424.2	**RightFax:	Building: CPK2_4D35 Room Number: 4D35		
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Date of Request:	04/13/04	Date Needed By:	ASAP		
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Remarks:	The NPL as highlighted in the attached IDS.				

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Local Attempts	✓													
Date	4/14													
Initials	<i>SJ</i>													
Results	<i>COMF</i>													
Examiner Called														
Page Count														
Money Spent														
		Source										Date		
Remarks/Comments 1st and 2nd denotes time taken to a library	Ordered From:													
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DOCUMENT RETRIEVAL REQUEST FORM

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Requester's Name: HUN & PHAM	Case Serial Number: 09/755,503	Art Unit/Org.: 2172
Phone: 605-424-2	**RightFax:	Building: CPK2 - 4D35
Room Number: 4D35		

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Journal/Book Title:			
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Volume Number:	Report Number:	Pages:	
Issue Number:	Series Number:	Year of Publication:	
Publisher:			
Remarks: <i>(43)</i>	<i>The NPL as highlighted in the attached IDS</i>		
	<i>492034</i>		

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Monthly Accession Number:

Library Action	PTO		LC		NAL		NIH		NLM		NIST		Other	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Local Attempts	✓													
Date	<i>4/14</i>		<i>4/5</i>											
Initials	<i>89</i>		<i>SMP</i>											
Results	<i>N/A</i>		<i>Completed</i>											
Examiner Called			<i>O</i>											
Page Count			<i>3</i>											
Money Spent			<i>60</i>											

Source

Date

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Number: 99014731
Type of Material: Book (Print, Microform, Electronic, etc.)
Personal Name: Wilkinson, Leland.
Main Title: The grammar of graphics / Leland Wilkinson.
Published/Created: New York : Springer, c1999.
Description: xvii, 408 p. : ill. (some col.) ; 24 cm.
ISBN: 0387987746 (alk. paper)
Notes: Includes bibliographical references (p. [378]-396) and index.
Subjects: Statistics--Graphic methods--Data processing.
Series: Statistics and computing
LC Classification: QA276.3 .W55 1999
Dewey Class No.: 001.4/226 21

83

Copied pag 1-298

CALL NUMBER: QA276.3 .W55 1999
Copy 1
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CALL NUMBER: QA276.3 .W55 1999
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-- Request in: Jefferson or Adams Bldg General or Area Studies Reading
Rms
-- Status: Not Charged

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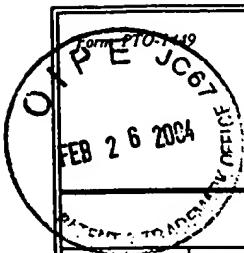
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<p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)</p> <p><i>O P E J C 67 FEB 26 2004</i></p>					ATTY. DOCKET NO. BA4-067	SERIAL NO.	
					APPLICANT Nancy E. Miller et al.		
					FILING DATE	GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>LG</i>	AA	6,076,088	06/13/00	Paik et al.			
<i>J</i>	AB	6,070,133	05/30/00	Brewster et al.			
	AC	6,031,537	02/29/00	Hugh			
	AD	6,026,388	02/15/00	Liddy et al.			
	AE	5,973,662	10/26/99	Singers et al.			
	AF	5,960,381	09/28/99	Singers et al.			
	AG	5,950,196	09/07/99	Pyreddy et al.			
	AH	5,897,627	04/27/99	Leivian et al.			
	AI	5,891,729	04/06/99	Behan et al.			
	AJ	5,873,080	02/16/99	Coden et al.			
	AK	5,826,261	10/20/98	Spencer			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AL						Yes
	AM						No
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>LG</i>	AR	<input checked="" type="checkbox"/>	Visualizing the Non-Visual: Spatial analysis and interaction with information from text documents, James A. Wise et al.				
			Proceedings of IEEE '95 Information Visualization, (2 pages) pages 51-58, Atlanta, GA, October 1995. IEEE Service Center.				
<i>J</i>	AS	<input checked="" type="checkbox"/>	The Grammar of Graphics, Leland Wilkinson, ©1999 Springer-Verlag New York, Inc., pages 297 & 298. ordered <input checked="" type="checkbox"/>				
<i>J</i>	AT	<input checked="" type="checkbox"/>	Evaluation of a Tool for Visualization of Information Retrieval Results, Aravindan Veerasamy et al.				
			©1996 SIGIR, Zurich, Switzerland ACM, 8 pages.				
EXAMINER	<i>J. Lankford</i>			DATE CONSIDERED <i>04/12/04</i>			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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				APPLICANT Nancy E. Miller et al.			
				FILING DATE		GROUP	
				U.S. PATENT DOCUMENTS			
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>ls</i>	AA	5,639,732	08/19/97	Kirsch			
<i>7</i>	AB	5,625,767	04/29/97	Bartell et al.			
<i>7</i>	AC	5,576,954	11/19/96	Driscoll			
<i>7</i>	AD	5,553,226	09/03/96	Kiuchi et al.			
	AE						
	AF						
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	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>ls</i>	AR	<input checked="" type="checkbox"/>	TileBars: Visualization of Term Distribution Information in Full Text Information Access, Marti A. Hearst, © ACM 95, pages 1-5 and 3 images.				
<i>7</i>	AS	<input checked="" type="checkbox"/>	To See, or Not to See-Is That the Query?, Robert R. Korfhage, ©1991 ACM, pages 134-141.				
	AT	<input type="checkbox"/>	Multivariate Analysis, K.V. Mardia et al., Academic Press Ltd., London, U.K., 1979 (ISBN 0-12-471252-5). <i>Ordered</i>				
EXAMINER	<i>J. L. Anderson</i>			DATE CONSIDERED <i>02/15/02</i>			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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BA4-067

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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

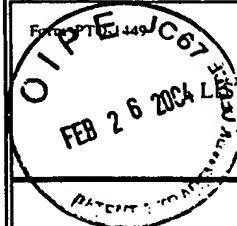
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	AV							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

do	AR		Metaphoric Abstraction: The River of Time and Complex Systems, R.R. Singers, ©1998 Johnson Controls, Inc., pages 1-8. <i>ordered</i>
)	AS		Metaphoric Abstraction: the Starfield and Complex Systems, R.R. Singers & L.S. Endres, <i>ordered</i>
			1994 Symposium on Human Interaction with Complex Systems, pages 34-46.
	AT		
EXAMINER	<i>J. Dahlberg</i>		DATE CONSIDERED 04/15/04

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BA4-067SERIAL NO.
09/755,503APPLICANT
Nancy E. Miller et al.FILING DATE
01/05/01

GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
hs	AA	5,847,703	12/08/98	Wolff			
7	AB	5,778,362	07/07/98	Deerwester			
7	AC	5,761,685	06/02/98	Hutson			
	AD	5,175,710	12/29/92	Hutson			
	AE						
	AF						
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	AI						
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	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

hs	AR		Spence, Robert, <i>Information Visualization, The Neighbourhood Explorer</i> , ©2001 ACM Press, pages 85-88 and reference page.				
							ordered
7	AS		Mardia et al., K.V., <i>Multivariate Analysis</i> , ©1994 Academic Press, pages 394-423.				?
7	AT		Olsen et al., Kai A., <i>Visualization of a Document Collection: The Vibe System</i> , ©1993 Rergamon Press Ltd., pages 69-81.				ordered

EXAMINER

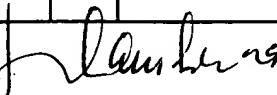
J. L. Ambrose

DATE CONSIDERED

01/15/04

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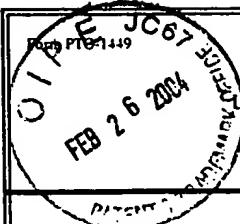
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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Nancy E. Miller et al.		
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	AA						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AB	WO 00/43908	07/27/00	PCT			Yes No
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AC	Keim, Daniel A., "Designing Pixel-Oriented Visualization Techniques: Theory and Applications," © 2000 IEEE, pages 1-20.					
	AD	Dubin, David, "Document Analysis for Visualization," © 1995 ACM, pages 199-203.					
	AE	Mukherjea et al., "Visualizing the Results of Multimedia Web Search Engines," © 1996 IEEE, pages 1-2 plus drawing.					
	AF	Grewal et al., "A Visual Representation of Search-engine Queries and their Results," © 2000 IEEE, pages 352-356.					
	AG	Hoffman, Donald D., "Visual intelligence: How we create what we see," © 1998 W.W. Norton, 4 pages from web site.					
	AH	Cooper and Riger, "A Simple Question Answering System," Proceedings of TREC-9, NIST (Gaithersburg, MD), pages 249-255.					
	AI	von Schroeter et al., "From Raw Polyphonic Audio to Locating Recurring Themes," pages 1-11.					
	AJ	Carey et al., "New Paradigms in Information Visualization," © 2000 ACM, pages 307-309.					
	AK	Riger et al., "Automatic Query Feedback Using Related Words," Proceedings of TREC-8, NIST (Gaithersburg, MD), pages 421-423.					
	EXAMINER				DATE CONSIDERED <u>02/15/04</u>		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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 Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. BA4-067	SERIAL NO. 09/755,503	
		LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT Nancy E. Miller et al.		
					FILING DATE 01/05/01	GROUP	
		U.S. PATENT DOCUMENTS					
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							Yes No
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>ls</i>	AL	<input checked="" type="checkbox"/>	Zervas et al., "The Curse of Dimensionality and Document Clustering." © 1999 IEEE, pages 19/1-19/3.				
/	AM	<input checked="" type="checkbox"/>	Ruger, Stefan M., "Feature Reduction for Information Retrieval." TREC-7, NIST (Gaithersburg, MD), pages 409-412.				
EXAMINER <i>J. Laurberg</i>			DATE CONSIDERED <i>01/15/04</i>				
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AB						Yes No
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>Jo</i>	AC	<input checked="" type="checkbox"/>	Sewraz et al., "A Visual Information-Retrieval Navigator," BCS IRSG 2000 (Cambridge, UK, 5-7 April 2000), 10 pages.				
		THE FOLLOWING FOUR (4) ITEMS ARE TALKS GIVEN AT VARIOUS CONFERENCES, NO WRITTEN MATERIALS					
		ARE AVAILABLE.					
	AD	Rugen, S.M., "The Freedom to Forget: Multimedia Knowledge Management," University of Glasgow, Department of Computer Science.					
		- IR Group, 11 December 2000; University of Exeter, Department of Computer Science, 30 November 2000.					
	AE	- Roger, S.M., "Challenges of Information Retrieval on the Web," Knowledge Web Workshop, IC, London, 23 September 1998.					
	AF	Rugen, S.M., "Efficient Graphical Models for Data-Mining," RIKEN, The Institute of Physical and Chemical Research, Wako-shi, Japan.					
		12 June 1998; Imperial College, Department of Computing, London, 18 March 1998.					
	AG	Rugen, S.M., "Large Scale Data Mining - Everywhere on the Internet," GMD, Forschungszentrum-Informationstechnik-GmbH;					
		Berlin-Adlershof, 22 October 1997.					
	AH						
AI							
AJ							
EXAMINER	<i>J. L. Anderson</i>		DATE CONSIDERED		04/15/04		
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